

We claim:

1. A topical nail formulation, comprising the mixture of:  
calcium hydroxide;  
sodium hydroxide;  
an antifungal agent; and  
an applying agent.
2. The formulation of claim 1, wherein said applying agent is selected from the group consisting of lotion, ointment, nail polish, and combinations thereof.
3. The formulation of claim 2, wherein said applying agent is an ointment selected from the group consisting of oxyquinoline, petrolatum, lanolin, glycerin, and combinations thereof.
4. The formulation of claim 1, wherein said applying agent is clear nail polish.
5. The formulation of claim 1, wherein said calcium hydroxide and said sodium hydroxide are present in said formulation in a ratio of about 40:60 to 60:40 by weight.
6. The formulation of claim 1, wherein said formulation is about 0.5 to 50% by weight calcium hydroxide, about 0.5 to 50% by weight sodium hydroxide, about 0.5 to 80% by weight an antifungal agent, and about 20 to 95% ointment.
7. The formulation of claim 1, wherein said formulation is about 0.5 to 30% by weight calcium hydroxide, about 0.5 to 30% by weight sodium hydroxide, about 5 to 50% by weight an antifungal agent, and about 30 to 80% by weight ointment.

8. The formulation of claim 1, wherein said formulation is about 0.5 to 8% by weight calcium hydroxide, about 0.5 to 8% by weight sodium hydroxide, about 20 to 35% by weight an antifungal agent, and about 40-75% ointment.

9. The formulation of claim 1, further comprising:

an antibiotic.

10. A method of making a topical nail formulation, comprising:

providing calcium hydroxide, sodium hydroxide, an antifungal agent, and an applying agent;

mixing said calcium hydroxide and said sodium hydroxide to form a mixture;

adding said mixture to said applying agent; and

adding said an antifungal agent to said mixture to form said topical nail formulation.

11. The method of claim 10, further comprising:

adding an antibiotic to said topical nail formulation.

12. A method for treating a nail of a patient, comprising:

providing a formulation comprised of a mixture of calcium hydroxide, sodium hydroxide, an antifungal agent, and an applying agent;

applying said formulation to a nail of a patient in need thereof.

13. The method of claim 12, wherein said formulation is applied approximately daily for at least about two weeks.

14. The method of claim 12, wherein said nail is at least about ¼ inch thick and wherein said formulation thins said nail.

15. The method of claim 12, wherein said nail has a fungal infection and wherein said formulation rids said nail of said fungal infection.

16. The method of claim 12, further comprising:

providing an emollient; and

applying said emollient to skin surrounding said nail before applying said formulation to said nail.

17. The method of claim 16, wherein said emollient is selected from the group consisting of lotion, antibiotic ointment, petroleum jelly, and combinations thereof.

18. The method of claim 12, further comprising:

providing a bandage; and

covering said nail with said bandage after applying said formulation.